Geometry

|  |  |  |  |
| --- | --- | --- | --- |
| **Week** | **Chapter** | **Archdiocesan standard** | **Topic** |
| 1-4 | 1 | 3.1, 4.9, 4.17, 4.19, 4.20 4.21, 4.29, 4.32 | Coordinate planes, points/line/plane, angles, measuring, midpoint, congruence |
| 5-7 | 2 | 2.9, 4.18, 4.21, 4.31, 4.33, 4.34 | Inductive/deductive reasoning, logic statements, proofs |
| 8-9 | 3 | 4.18, 4.27, 4.30, 4.33 | Parallelism, transversals slope |
| 10-14 | 4 | 3.1, 3.2, 4.21, 4.29, 4.32, 4.33 | Triangles, proofs, congruence, Pythagorean theorem |
| 15-16 | 5 | 4.21, 4.28, 4.29, 4.30, 4.31, 4.32, 4.33 | Triangle inequalities, indirect proof |
| 17-20 | 6 | 3.4, 4.1, 4.11, 4.17, 4.20, 4.32, 4.33 | Polygons, proofs |
| 21-23 | 7 | 2.6, 2.8, 4.28, 4.32, 4.33 | Similar triangles |
| 24-26 | 8 | 1.3, 2.2, 2.6, 2.8, 2.12, 4.26 | Right triangle trigonometry |
| 27-30 | 9 | 1.3, 4.2, 4.10, 4.17, 4.28 | Circles |
| 30-33 | 10/11 | 2.6, 4.1, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.10, 4.11, 4.12, 4.13, 4.14, 4.15, 4.16 | Polygons, polyhedral, area, surface area, volume |
| 34-35 | Ch 11 assessment | Cereal boxes, archdiocesan assessment | Create geometric models to describe the physical world |
| 36-38 | 12/13 | 4.22, 4.23, 4.24, 4.25 | Mappings, reflections, translations, dilations, , rotations |